

Form PTO-1449 ModifiedDocket No.
CHIR-0315Serial No.
09/921,157List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)Applicant
Antonio Covacci et al.U.S. Department of Commerce
Patent and Trademark OfficeFiling Date
August 2, 2001Group **1645**
~~Not Yet Assigned~~**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

SD	AA	Apel et al., "Antibody Response of Patients Against a 120 kDa Surface Protein of Campylobacter pylori," <i>Aentralblat fur Bakterio. Microb. Und Hygiene</i> , 1988 , 268, 271-276
	AB	Austin et al., "Structural Comparison of Urease and a GroEL Analog from <i>Helicobacter pylori</i> ," <i>J. Bacteriol.</i> , 1992 , 174(22), 7470-7473
	AC	Blaser, "Gastric <i>Campylobacter</i> -like Organisms, Gastritis, and Peptic Ulcer Disease," <i>Gastroenterology</i> , 1987 , 93, 371-383
	AD	Blaser, " <i>Helicobacter pylori</i> : Its Role in Disease," <i>Clin. Infect. Dis.</i> , 1992 , 15, 386-391
	AE	Clayton, C.L. et al., "Molecular Cloning and Expression of <i>Campylobacter pylori</i> Species-Specific Antigens in <i>Escherichia coli</i> K-12," <i>Infect. Immunity</i> , 1989 , 57(2), 623-629
	AF	Cover et al., "Characterization of and Human Serologic Response to Proteins in <i>Helicobacter pylori</i> Broth Culture Supernatants with Vacuolizing Cytotoxin Activity," <i>Infect. Immun.</i> , 1990 , 58(3), 603-610
	AG	Cover et al., "Purification and Characterization of the Vacuolating Toxin from <i>Helicobacter pylori</i> ," <i>J. Biol. Chem.</i> , 1992 , 267(15), 10570-10575
	AH	Cover et al., "Serum Neutralizing Antibody Response to the Vacuolating Cytotoxin of <i>Helicobacter pylori</i> ," <i>J. Clin. Invest.</i> , 1992 , 90, 913-918
	AI	Cover et al., "Human serologic response to Campylobacter pylori cytotoxin-associated proteins," <i>Gastroenterology</i> , 1989 , 96 (5/2), A101, abstract
SD	AJ	Crabtree et al., "Expression of 120 kilodalton protein and cytotoxicity in <i>Helicobacter pylori</i> ," <i>J. Clin. Pathol.</i> , 1992 , 45, 733-734

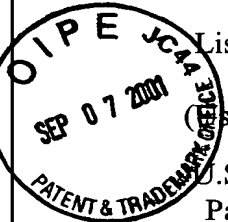
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		Applicant Antonio Covacci et al.	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
SD	AK	Cussac et al., "Expression of <i>Helicobacter pylori</i> Urease Genes in <i>Escherichia coli</i> Grown under Nitrogen-Limiting Conditions," <i>J. Bacteriol.</i> , 1992 , 174(8), 2466-2473	
	AL	Dooley et al., "Prevalence of <i>Helicobacter Pylori</i> Infection and Histologic Gastritis in Asymptomatic Persons," <i>New Engl. J. Med.</i> , 1989 , 321, 1562-1566	
	AM	Drumm et al., "Intrafamilial Clustering of <i>Helicobacter Pylori</i> Infection," <i>New Engl. J. Med.</i> , 1990 , 322(6), 359-363	
	AN	Dunn et al., "Identification and Purification of a cpn60 Heat Shock Protein Homolog from <i>Helicobacter pylori</i> ," <i>Infect. Immun.</i> , 1992 , 60(5), 1946-1951	
	AO	Evans et al., "Urease-Associated Heat Shock Protein of <i>Helicobacter pylori</i> ," <i>Infect. Immun.</i> , 1992 , 60(5), 2125-2127	
	AP	Evans et al., "A Sensitive and Specific Serologic Test for Detection of <i>Campylobacter pylori</i> Infection," <i>Gastroenterology</i> , 1989 , 96, 1004-1008	
	AQ	Figura et al., "Serum antibodies to the vacuolating toxin produced by <i>Helicobacter pylori</i> , <i>Helicobacter. Pylori</i> , <i>Gastritis and Peptic Ulcer</i> , Malfeththeiner et al. (eds.), Springer Verlag, Berlin, 1990 , pp 159-161	
	AR	Gerken et al., sequence submitted to EST-STS by Utah Center for Humans Genome Res. University of Utah, 1993 , Accession No. L18544	
	AS	Gerstenecker et al., "Serodiagnosis of <i>Helicobacter pylori</i> Infections with an Enzyme Immunoassay Using the Chromatographically Purified 120 Kilodalton Protein," <i>Eur. J. Clin. Microbiol. Infect. Dis.</i> , 1992 , 11(7), 595-601	
	AT	Goodwin et al., "Transfer of <i>Campylobacter pylori</i> and <i>Campylobacter mustelae</i> to <i>Helicobacter</i> gen. nov. As <i>Helicobacter pylori</i> comb. Nov. And <i>Helicobacter mustelae</i> comb. Nov., Respectively," <i>Int. J. Syst. Bacteriol.</i> , 1989 , 39(4), 397-405	
SD	AU	Graham et al., "Epidemiology of <i>Helicobacter pylori</i> in an Asymptomatic Population in the United States," <i>Gastroenterology</i> , 1991 , 100, 1495-1501	
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SD	AV	Graham et al., "Seroepidemiology of <i>Helicobacter pylori</i> Infection in India: Comparison of Developing and Developed Countries," <i>Dig. Dis. Sci.</i> , 1991 , 36(8), 1084-1088
	AW	Jones et al., "Antibody to the gastric campylobacter-like organism (" <i>Campylobacter pyloridis</i> ") -- Clinical correlations and distribution in the normal population," <i>Med. Microbiol.</i> , 1986 , 22, 57-62
	AX	Leunk, "Production of a Cytotoxin by <i>Helicobacter Pylori</i> ," <i>Rev. Infect. Dis.</i> , 1991 , 13(8), S686-S689
	AY	Leying et al., "Cloning and genetic characterization of a <i>Helicobacter pylori</i> flagellin gene," <i>Mol. Microbiol.</i> , 1992 , 6(19), 2863-2874
	AZ	Morris et al., "Seroepidemiology of <i>Campylobacter pyloridis</i> ," <i>N.Z. Med. J.</i> , 1986 , 99(809), 657-659
	BA	Orkin, S.H. et al., "Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy," December, 1995 , 41 pages
	BB	Parsonnet et al., " <i>Helicobacter Pylori</i> Infection and the Risk of Gastric Carcinoma," <i>New Engl. J. Med.</i> , 1991 , 325(16), 1127-1131
	BC	Perez-Perez et al., "Characteristics of <i>Helicobacter pylori</i> Variants Selected for Urease Deficiency," <i>J. Infect. Immun.</i> , 1992 , 60(9), 3658-3663
	BD	Pei, Z. et al., "Identification, Purification, and Characterization of Major Antigenic Proteins of <i>Campylobacter jejuni</i> ," <i>J. Biol. Chem.</i> , 1991 , 266(25), 16363-16369
	BE	Thomas et al., "Isolation of <i>Helicobacter pylori</i> from human faeces," <i>Lancet</i> , 1992 , 340, 1194-1195
SD	BF	Warren et al., "Unidentified Curved Bacilli on Gastric Epithelium in Active Chronic Gastritis," <i>Lancet</i> , 1983 , 1273-1275

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Examiner Initial		Document No.	Date	Name	Class	Subclass
SD	BG	4,882,271	11/21/89	Evans et al.	435	7
SD	BH	5,403,924	04/04/95	Cover et al.	536	23.1
SD	BI	5,721,349	02/24/98	Cover et al.	536	22.1

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Examiner Initial		Document No.	Date	Country	Translation YES NO	
SD	BJ	EP 0329570 A2	08/23/89	EPO	X	
	BK	EP 0367644 A1	05/09/90	EPO	X(abstract only)	
	BL	WO 87/05943	10/08/87	PCT	X	
	BM	WO 89/08843	09/21/89	PCT	X	
	BN	WO 90/04030	04/19/90	PCT	X(abstract only)	
SD	BO	WO 91/09049	06/27/91	PCT	X	

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